

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	khan and sure and gaska	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 18:53
L2	37	khan and shur and gaska	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 18:56
L3	287	(nitride same buffer same GaN same indium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 18:56
L4	198	(nitride same buffer same GaN same indium same (aluminum or al))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 18:59
L5	8	("5851905" "5981977" "6316793" "6359292").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:00
L6	4	("5851905" "5981977" "6316793" "6359292").PN. and (AlInGaN or InAlGaN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:00
L7	4	("5851905" "5981977" "6316793" "6359292").PN. and ((AlInGaN or InAlGaN) same (AlGaN or InGaN))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:02
L8	5	("5851905" "5981977" "6316793" "6359292").PN. and ((layer nera10 (AlInGaN or InAlGaN)) same (AlGaN or InGaN))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:02
L9	4	("5851905" "5981977" "6316793" "6359292").PN. and ((layer near10 (AlInGaN or InAlGaN)) same (AlGaN or InGaN))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:02

## EAST Search History

L10	4	("5851905" "5981977" "6316793" "6359292").PN. and ((layer near10 (AlInGaN or InAlGaN)) same (layer near10 (AlGaN or InGaN)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:10
L11	2	("5851905" "5981977" "6316793" "6359292").PN. and ((layer near2 (AlInGaN or InAlGaN)) same (layer near2 (AlGaN or InGaN)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:05

## EAST Search History

L12	74	(US-20020119588-\$ or US-20020058349-\$ or US-20040129200-\$ or US-20030056719-\$ or US-20050167002-\$ or US-20050170611-\$ or US-20040136415-\$ or US-20040183096-\$ or US-20030214807-\$ or US-20040261689-\$ or US-20040108500-\$ or US-20050263791-\$ or US-20050170574-\$ or US-20040061129-\$ or US-20040018657-\$ or US-20020195606-\$ or US-20010045564-\$ or US-20060255366-\$ or US-20020171405-\$).did. or (US-5909040-\$ or US-5739554-\$ or US-6429467-\$ or US-6764888-\$ or US-5838706-\$ or US-5592501-\$ or US-6841809-\$ or US-6856005-\$ or US-4661175-\$ or US-6025207-\$ or US-6303473-\$ or US-5883564-\$ or US-6933536-\$ or US-6067312-\$ or US-5658732-\$ or US-6563141-\$ or US-6919585-\$ or US-6625357-\$ or US-6120600-\$ or US-5153147-\$ or US-5796768-\$ or US-6911084-\$ or US-5523589-\$ or US-6515313-\$ or US-5981977-\$ or US-5851905-\$).did. or (US-7045404-\$ or US-6906352-\$ or US-6433355-\$ or US-6274399-\$ or US-6215803-\$ or US-6194742-\$ or US-5945689-\$ or US-5793054-\$ or US-5777350-\$ or US-6316793-\$ or US-6359292-\$ or US-6233265-\$ or US-6534797-\$ or US-5875052-\$ or US-6288416-\$ or US-5959307-\$ or US-5578839-\$).did. or (JP-11261105-\$).did. or (WO-9953578-\$ or EP-164093-\$ or EP-783768-\$ or GB-2344461-\$ or US-6441403-\$ or JP-09027639-\$ or US-6316793-\$ or JP-07249795-\$ or US-5851905-\$ or JP-11026883-\$ or JP-11261105-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/12/18 19:06
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## EAST Search History

L13	2	("5851905" "5981977" "6316793" "6359292").PN. and l12 and ((layer near2 (AlInGaN or InAlGaN)) same (layer near2 (AlGaN or InGaN)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:06
L14	23	l12 and (InAlGaN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:06
L15	9626	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:16
L16	631	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls.) and ((Al near2 In near2 Ga near2 N) or AlInGaN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:13
L17	849	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls.) and ((Al near2 In near2 Ga near2 N) or AlInGaN or InAlGaN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:13
L18	943	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls.) and ((Al near5 In near5 Ga near5 N) or AlInGaN or InAlGaN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:13

## EAST Search History

L19	768	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls.) and (((Al near5 In near5 Ga near5 N) or AlInGaN or InAlGaN) same ((Al near5 Ga near5 N) or AlGaN or InGaN or (In near5 Ga near5 N)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:15
L20	655	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls.) and (((Al near5 In near5 Ga near5 N) or AlInGaN or InAlGaN) near10 ((Al near5 Ga near5 N) or AlGaN or InGaN or (In near5 Ga near5 N)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:17
L21	10912	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls. or 257/192.ccls. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:16
L22	696	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls. or 257/192.ccls. ) and (((Al near5 In near5 Ga near5 N) or AlInGaN or InAlGaN) near10 ((Al near5 Ga near5 N) or AlGaN or InGaN or (In near5 Ga near5 N)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:34

## EAST Search History

L23	183	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls. or 257/192.ccls. ) and (((Al near5 In near5 Ga near5 N) or AlInGaN or InAlGaN) near10 ((Al near5 Ga near5 N) or AlGaN or InGaN or (In near5 Ga near5 N))) same (buffer or barrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:34
L24	181	(257/94.ccls. or 257/95.ccls. or 257/96.ccls. or 257/98.ccls. or 257/101.ccls. or 257/102.ccls. or 257/103.ccls. or 257/183.ccls. or 257/190.ccls. or 257/E33.028.ccls. or 257/21.127.ccls. or 257/21.108.ccls. or 257/E21.126.ccls. or 257/E29.081.ccls. or 257/192.ccls. ) and (((Al near5 In near5 Ga near5 N) or AlInGaN or InAlGaN) near10 ((Al near5 Ga near5 N) or AlGaN or InGaN or (In near5 Ga near5 N))) same (buffer or barrier) same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/18 19:40